OFFICIAL RESPONSE Attorney Docket No. SPB 0004 PA Serial No. - 09/341,101

OFFICIAL RESPONSE

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to give a predetermined topography to the piece of ground through, on one hand digging and on the other hand piling up material.

Please replace the paragraph starting on page 1, line 14 with the following:

p3

It is important in this connection that the working tools on the machines that are used can be accurately controlled to the exact right working level in the intended section. The control should preferably even be able to be remote-controlled automatically so that the desired topography in the right position inside a section should be able to be written into a computer program and information concerning suitable processing should be able to be given continuously and automatically to the driver of the vehicle. It should also, in the cases where it is possible, be able to have automatic controlling of the machines in order to perform certain work completely automatically.

Please replace the paragraph starting at page 3, line 26 with the following:

Objects of the invention

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One object of the invention is to provide a control indication for a ground-preparing machine, which makes possible adequate control of the machine with so few as possible measuring units placed outside the machine.

Please replace the paragraph starting on page 17, line 13 with the following:



The desired ground preparation in the fixed coordinate system is programmed into either the computer 20 of the geodesic instrument 1 or preferably of the machine 3. This is equipped with a presentation unit 9, preferably a screen, which presents to the operator of the machine (not shown), on one hand, how the machine 3 and its scraper blade 8 are to be maneuvered based on its instantaneous existing position and, on the other hand, its instantaneous deviation from the desired maneuvering. Alternatively and preferably an automatic guidance of the working part to the intended height and orientation is performed